

INCH-POUND

A-A-20155A
November 16, 1992
SUPERSEDING
A-A-20155
April 28, 1989

COMMERCIAL ITEM DESCRIPTION

TUNA, CANNED

**The U.S. Department of Agriculture has authorized the use of this
Commercial Item Description in lieu of Federal Specification PP-T-771b.**

This Commercial Item Description (CID) covers canned tuna, packed in commercially acceptable containers, suitable for use by the Federal Government.

Salient characteristics.

The canned tuna shall conform to one or more of the following forms, colors, packing media, seasonings/flavors, and salt/sodium levels as specified in the solicitation, contract, or purchase order. Canned tuna shall meet the requirements of 21 CFR Part 161.190.

Forms.

Form I - Chunk
Form II - Solid

Colors.

Color A - Light
Color B - White (Albacore)

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data which may improve this document should be sent to: Technical Services Unit, Inspection Services Division, National Marine Fisheries Service, U.S. Department of Commerce, One Blackburn Drive, Gloucester, MA 01930.

FSC 8905/8940

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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Packing media.

Packing media 1 - Water

Packing media 2 - Vegetable oil (except olive oil)

Packing media 3 - Olive oil

Seasonings/Flavorings. If used, shall be in accordance with 21 CFR Part 161.190 (6), Standard of Identity for Canned Tuna.

Salt/Sodium levels.

Level a - Regular (no more than 1.5 percent salt)

Level b - No salt added (no sodium chloride added during processing)

Level c - Very low sodium (35 milligrams or less sodium per serving)

Level d - Low sodium (140 milligrams or less sodium per serving)

Processing.

Tuna shall be the only fish used and shall be in good condition; i.e., exposed surfaces shall be of a color and bloom typical of tuna which has been properly stored and handled. Cut surfaces and naturally exposed surfaces shall show no more than slight darkening or discoloration due to dehydration, aging, and/or microbial activity. No odors foreign to fresh tuna shall be present. Changes in color and odors characteristically associated with frozen tuna in excellent condition shall be acceptable. Frozen tuna shall show no evidence of having been defrosted and refrozen or other evidence of mishandling.

Failure to meet pressed cake weight specified in the contract shall be basis for rejection of the entire lot.

Analytical requirements.

Chemical analyses shall be made in accordance with the Official Methods of Analysis of the AOAC International.

<u>Test</u>	<u>Chapter and Section</u>	<u>Paragraph Number</u>
Salt	Chapter: Fish and Other	937.09
(Sodium Chloride)	Marine Products	976.18
	Section: Salt (Chlorine as Sodium Chloride)	

<u>Test</u>	<u>Chapter and Section</u>	<u>Paragraph Number</u>
Sodium	Chapter: Fish and Other Marine Products Section: Sodium and Potassium in Seafood	969.23

Contractor's certification.

By submitting an offer, the contractor certifies that the product offered meets the specified salient characteristics and requirements of this CID; conforms to the producer's own specifications and standards, including product characteristics, manufacturing procedures, quality control procedures, and storage and handling practices; has a national or regional distribution from storage facilities located within the United States, its territories, or possessions; and is sold on the commercial market. The Government reserves the right to determine proof of such conformance prior to the first delivery from point of origin and any time thereafter, up to and including delivery at final destination, as may be necessary to determine conformance with the provisions of the contract.

Regulatory requirements.

The delivered product shall comply with all applicable Federal and State mandatory requirements and regulations relating to the preparation, processing, packaging, labeling, storage, distribution, and sales of the product in the commercial marketplace. All deliveries shall conform in every respect to the provisions of the Federal Food, Drug, and Cosmetic Act and regulations promulgated thereunder. All products shall also meet with the provisions of Regulations found in CFR 50, Subchapter G - Processed Fishery Products, Processed Products Thereof, and Certain Other Processed Food Products, Part 260, Inspection and Certification.

Quality assurance.

Compliance with this CID shall be determined by the U.S. Department of Commerce (USDC), National Marine Fisheries Service (NMFS). NMFS will determine the degree of inspection and supervision necessary to assure specification compliance. The cost of all services performed by NMFS agents involving examination, supervision, official documentation, and related service shall be borne by the contractor.

The canned tuna shall be inspected by the USDC, NMFS, under Type I continuous inspection and in accordance with this CID.

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External examination for condition of containers will be conducted using the U.S. Standards for Condition of Food Containers (7 CFR Part 42) in accordance with NMFS policies and procedures.

Internal examination for condition of containers shall be in accordance with NMFS policies and procedures. Assurance of can requirements may be based on the acceptance of a certificate of conformance.

Sampling for inspection and determination of acceptability shall be done in accordance with provisions set forth in Military Standard MIL-STD-105. Defects found during inspection shall be classified in accordance with Tables II through V at the inspection levels and acceptable quality levels (AQL's) as shown below. AQL's shall be expressed in defects per hundred units. The lot size shall be expressed in cans.

TABLE I. Inspection levels and acceptance numbers

Table	Inspection level <u>1/</u>	AQL	
		Major	Minor
II	S3	---	4.0
III	S3	---	10.0
IV	S3	1.0	10.0
V	S2	1.5	6.5

1/ Sample shipping containers shall be selected randomly on a proportionate basis from not less than 90 percent of the codes listed in a lot. In the event that the referenced levels result in a sample size that is too small to provide for sampling 90 percent of the codes in a lot, a level sufficiently large to accommodate this requirement shall be selected. Not more than one primary container per shipping container shall be examined for the defects within the tables listed in Table I.

The sample unit for USDC Inspection is the contents of one can. For sampling purposes, the maximum lot size will be the quantity of product produced on a single line during an eight hour production shift. The lot size may be reduced by the USDC inspector if necessary. If a plant operates two or more lines under inspection simultaneously, the products from each line will be inspected as separate lots. Also, if a plant wishes to extend the processing day beyond a normal eight hour shift, the product produced after the end of the eight hour shift will be inspected as a new lot. For labeling and identification purposes, production lots shall be numbered in sequence. For purposes of lot identification, in addition to the requirements contained in 21 CFR Part 113, a code change will be necessary when a shift concludes or a new shift begins.

If a plant operates more than one line under inspection, it may be necessary to assign an inspector to each line. This is to enable the inspector to have sufficient time to perform a sanitation inspection, examination for product characteristics, condition of container examination, etc. and still have sufficient time to observe the materials being processed to ensure their suitability for processing.

The contractor shall obtain a USDC Certificate of Inspection which state(s) the product meets all requirements of this CID.

TABLE II. Examination for net weights 1/ 2/

Category	Defect
<u>Minor</u>	
201	A 7-ounce or less can - more than 1/4 ounce under specified net weight. Over 7-ounce to 13-ounce can - more than 1/2 ounce under specified net weight. A 66.5 ounce can - more than 1 ounce under specified net weight.
<u>1/</u>	Failure of lot average net weight to meet specified net weight shall be basis for rejection of entire lot.
<u>2/</u>	Report results to the nearest 0.1 ounce.

TABLE III. Examination for vacuum requirements

Category	Defect
<u>Minor</u>	
201	Vacuum less than 1 inch <u>1/</u>
<u>1/</u>	Military agencies which have special operational requirements which require higher vacuum should specify this in the contract.

TABLE IV. Product defects

Category		Defect																									
<u>Critical</u>	<u>Major</u>	<u>Minor</u>																									
1		Flesh showing evidence of true honeycombing or the presence of flavors and/or odors of decomposition such as, but not limited to, sour and rancid, or other flavors or odors of decomposition. <u>1/</u>																									
	101	Presence of objectional flavors or odors such as, but not limited to, burnt, scorched, overcooked, stale, or other objectionable flavors or odors. <u>2/</u>																									
	102	Presence of objectionable foreign materials such as, but not limited to, rust, wood, hair, dirt, or insects or insect parts either singly or in combination. <u>3/</u>																									
	103	Form, color, or packing media, not as specified in contract.																									
	201	Presence of any prominent bruise(s), blood clot(s), or piece(s) of gills or viscera pieces over 1/4 inch in any dimension. <u>4/</u>																									
	202	Presence of numbers of undesirable fish parts of an objectionable size exceeding those shown below: <u>5/</u>																									
		<table><tr><td>Net</td><td colspan="4">Vascular</td></tr><tr><td><u>Weight</u></td><td><u>Skin</u></td><td><u>Scales</u></td><td><u>Tissue</u></td><td><u>Bone</u></td></tr><tr><td>7 ounces or less</td><td>1</td><td>2</td><td>1</td><td>1</td></tr><tr><td>over 7 ounces to 13 ounces</td><td>2</td><td>4</td><td>2</td><td>2</td></tr><tr><td>66.5 ounces</td><td>4</td><td>8</td><td>4</td><td>4</td></tr></table>	Net	Vascular				<u>Weight</u>	<u>Skin</u>	<u>Scales</u>	<u>Tissue</u>	<u>Bone</u>	7 ounces or less	1	2	1	1	over 7 ounces to 13 ounces	2	4	2	2	66.5 ounces	4	8	4	4
Net	Vascular																										
<u>Weight</u>	<u>Skin</u>	<u>Scales</u>	<u>Tissue</u>	<u>Bone</u>																							
7 ounces or less	1	2	1	1																							
over 7 ounces to 13 ounces	2	4	2	2																							
66.5 ounces	4	8	4	4																							

1/ These are regarded as critical defects and their finding will be basis for rejection of the entire lot.

2/ Do not include flavors and odors of decomposition.

3/ Presence of chemicals, glass, or metal particles, animal excreta, or similar extraneous material which could harmfully affect or contaminate the product (critical defects) shall be basis for rejection of the entire lot.

- 4/** Small blood spots, streaks, and bruises, characteristic of purse-seine caught tuna, are not considered defects.
- 5/** To classify as objectionable, fish parts must meet the following criteria: skin - piece over 1/2 inch in any dimension; scales - over 1/4 inch in any two dimensions; vascular tissue - includes streaks and dark meat over 1/2 inch in any dimension; bone - any bone or cartilage which is not soft or does not become powdery under firm pressure of a hard object or which is over 1/2 inch in any dimension.

TABLE V. Can interior enamel coating defects

Category	Defect
<u>Major</u>	<u>Minor</u>
101	Missing
102	Blistered or softened areas which can be peeled by fingertip (not fingernail abrasion)
103	Internal rust stains
201	Bare areas (other than scratches) <u>1/</u>
202	Dirty, stained or smeared with foreign material

1/ A line of solder along the side seam shall not be considered a defect.

Testing for salt content or sodium content.

The composite for testing for salt content or sodium content shall be a composite of 24 ounces of product. The minimum number of sample units to use for deriving the composite for salt or sodium content is twelve sample units. The sample units shall represent all the codes selected for product evaluation. Equal amounts of product will be taken from each selected sample unit and from each code. If the sample size is too small to provide for sampling all codes, more sample units may be selected with less product taken from each can.

At least two tests from a composite sample shall be performed and the results average. Results of testing shall be reported to the nearest 0.1 percent.

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Failure to meet salt/sodium levels specified in the contract or CID shall be basis for rejection of the entire lot.

Preservation, packaging, packing, labeling, and marking.

The canned tuna shall be preserved, packaged, packed, labeled, and case marked in accordance with good commercial practice. Can codes shall appear on the outside of the master case. Commercial labeling and packaging, as may be augmented by the solicitation, contract, or purchase order, shall be acceptable. Shipping containers shall comply with the National Motor Freight Classification or Uniform Freight Classification, as applicable.

For Department of Defense procurements (Only).

TABLE VI. Packaging and packing requirements

Form	Color	Packing media	Salt/ Sodium level	Can size	Net weight (ounces)	No. per case II
	A	1	a	603 x 408	66.5	6
I or II	A or B	1	a	307 x 109-110	6.125	48
I or II	A or B	1	a	401 x 202-206	12.25 - 13.0	24

The following requirements are applicable when specified by the contracting officer.

A. Commercial packaging. The product shall be packaged in a metal can in accordance with Table VI and good commercial practice.

B. Commercial packing. The number of cans specified in Table VI shall be packed in fiberboard boxes complying with Uniform Freight Classification or National Motor Freight Classification.

C. Export packaging. The product shall be packaged in a metal can in accordance with Table VI and with the following requirements: Tinned cans shall be made from not less than 0.20 pound per base box electrolytic tin-plate. The can shall be an open-top style, round, metal can with a soldered or welded side seam and compound-lined, double seamed ends. The entire inside area of the can shall be enameled. Can ends may be fabricated from ECCS plate, enameled inside and out. Two-piece cans are acceptable. Easy-open features are not acceptable. The can shall be coated outside with a coating conforming to Type I, or when specified, Type III of TT-C-495.

D. Export packing. The number of cans specified in Table VI shall be packed in a snug-fitting fiberboard box constructed, closed, and reinforced in accordance with Style RSC, Grade V3c, V3s, or V4s of PPP-B-636. Tiered cans shall be separated with a full length and width fiberboard pad made of the same material as the box. Reinforcement shall be restricted to nonmetallic strapping or pressure-sensitive adhesive, filament-reinforced tape in accordance with the appendix of PPP-B-636.

E. Unit loads (commercial and export). Shipping containers shall be arranged in unit loads in accordance with MIL-L-35078. When unit loads are strapped, the strapping shall be limited to nonmetallic strapping, except for Type II, Class F loads.

F. Labeling (commercial and export). Commercial labeling shall be acceptable.

G. Marking (commercial and export). Marking of shipping containers and unit loads shall be in accordance with MIL-STD-129.

Notes.

Purchasers should specify:

- Form
- Color
- Packing media
- Salt/Sodium level
- Net weight
- Pressed weight
- Can and case size
- Labeling, packaging, and casing requirements if different from commercial practice.

Sources of documents:

Sources of information for nongovernmental documents are as follows:

Copies of the National Motor Freight Classification may be obtained from:

**National Motor Freight Traffic Association, Inc., Agent
National Motor Freight Classification
American Trucking Associations, Inc., Traffic Department
2200 Mill Road
Alexandria, VA 22314**

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Copies of the Uniform Freight Classification may be obtained from:

**Uniform Classification Committee, Agent
Uniform Freight Classification
Uniform Classification Committee, Suite 1120
222 South Riverside Plaza
Chicago, IL 60606**

Copies of the Official Methods of Analysis of the AOAC International may be obtained from:

**AOAC International
2200 Wilson Boulevard
Suite 400-CD
Arlington, VA 22201-3301**

Sources of information for governmental documents are as follows:

Applicable provisions of the Federal Food, Drug, and Cosmetic Act are contained in 21 CFR Parts 1-199. This three-volume set may be purchased from:

**Superintendent of Documents
U.S. Government Printing Office
Washington, DC 20402-0001**

Credit card (Master Charge or Visa) purchases may be made by calling the Superintendent of Documents on (202) 783-3238.

Copies of the United States Standards for Condition of Food Containers are available from:

**Chairperson
Condition of Container Committee
Agricultural Marketing Service
U.S. Department of Agriculture
Room 2506, South Building
P.O. Box 96456
Washington, DC 20090-6456**

Copies of the Regulations Governing Processed Fishery Products are available from:

**National Marine Fisheries Service
Office of Trade and Industry Services
Inspection Services Division
1335 East-West Highway
Silver Spring, MD 20910**

Civil agencies and other interested parties may obtain copies of this CID from:

**General Services Administration
Specifications Unit (3FB-WS)
Room 6654
7th and D Streets, SW
Washington, DC 20407**

Military activities should submit requests for copies of this CID to:

**Standardization Documents Order Desk
Building 4, Section D
700 Robbins Avenue
Philadelphia, PA 19111-5094**

MILITARY INTERESTS:

Military Coordinating Activity

Army - GL

Custodians

Army - GL
Navy - SA
Air Force - 50

Review Activities

Army - MD, TS
Navy - MC
DP - SS

CIVIL AGENCY COORDINATING ACTIVITIES:

DOJ - BOP
HHS - FDA, NIH
USDA - FV
VA - OSS

PREPARING ACTIVITY:

COM - NMF